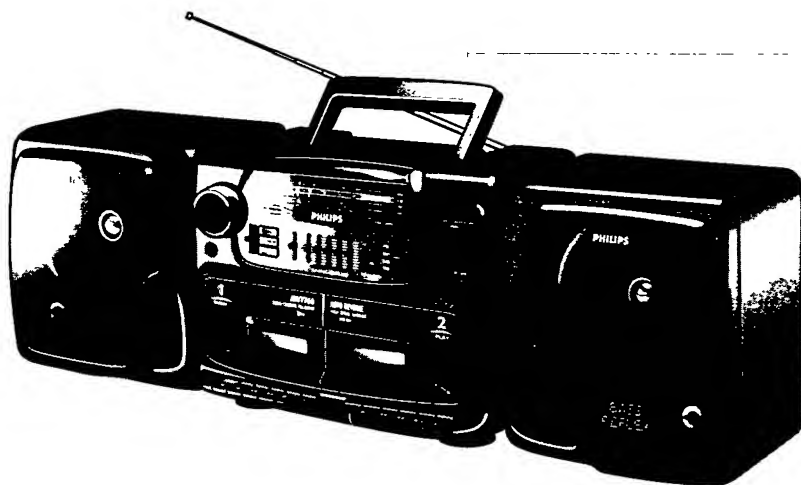


# PHILIPS

**AW 7760 Stereo Radio Cassette Recorder**



Instructions for use  
ИНСТРУКЦИИ ПО ЭКСПЛУАТАЦИИ  
Instrukcja obsługi  
Návod na použitie  
Návod k použití  
Használati utasítás



# PHILIPS

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## POWER SUPPLY

### Batteries (optional)

Whenever convenient, use mains supply to conserve battery life.

1. Open the battery compartment and insert eight batteries, type R20, UM1 or D-cells (preferably alkaline), with the correct polarity as indicated by the '+' and '-' symbols inside the compartment.
2. Replace the compartment door, making sure that the batteries are firmly and correctly in place. The set is now ready to operate.
  - The battery supply is switched off when the set is connected to the mains. To change over to battery supply, pull out the plug from the MAINS socket.

Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:

- Don't mix battery types.
- When inserting new batteries replace eight batteries at the same time. Do not try to mix old batteries with the new ones.
- Remove the batteries if they are empty or when the set will not be used again for a long time.

### Mains supply

- Check if the mains voltage, as shown on the model number plate (on the base of the set) corresponds to your local mains voltage. If it does not, consult your dealer or service centre.
- If the set is equipped with a voltage selector, switch to local main voltage.
- Connect the mains lead to the MAINS socket and the wall socket. The mains supply is switched on.
- The battery supply is switched off when the set is connected to the mains. To change over to battery supply, pull out the plug from the set's MAINS socket.
- To disconnect the set from the mains completely, withdraw the mains plug from the mains socket.

*The model and production numbers are located at the bottom of the set.*

*This product complies with the radio interference requirements of the European Community.*

## CONNECTIONS

### Removable speakers

#### Connecting the loudspeakers

- Connect the right loudspeaker to the R terminal and the left loudspeaker to the L terminal.
- Clip the exposed portion of the wire into the corresponding colour terminal.
- Repeat the wiring procedure for the left speaker to terminal L, making sure that you connect the red wire to '⊕' and black to '⊖'.

**Note:** Loudspeakers other than supplied can be used. They have to be 6 Ohms or higher. Do **NOT** use loudspeakers with an impedance lower than 6 Ohms, as this will damage the set.

#### Taking off the loudspeakers

- Keep the lever (on the back of the loudspeakers) pressed and slide the loudspeaker upwards.


#### Attaching the loudspeakers

- Slide the loudspeakers from above in the sleeves on the sides of the set cabinet. The loudspeakers will click into position.

#### Positioning the loudspeakers

- You will find the best loudspeaker position by experimenting. Placing the loudspeakers on the floor will increase the bass response. Placing the loudspeakers behind curtains, furniture etc. will reduce the treble response and the stereo effect. The ideal position is obtained when the 2 front loudspeakers and the listening position build an equilateral triangle and the loudspeakers are at ear-height.

**Stereo headphone socket**

You may connect stereo headphones with a 3.5 mm plug to the  socket.

When headphones are inserted, the loudspeakers are then muted.

**Karaoke socket**

For a microphone with a 3.5 mm socket.

You can reproduce your voice amplified through the loudspeakers.

- Connect a microphone to the KARAOKE socket. To avoid disturbing noise, reduce the volume before connection.
- Set the mode selector in position TAPE/RADIO OFF.
  - The TAPE/RADIO OFF indicator lights up.
- Press PLAY ► and PAUSE II of deck 1.

You can also mix your voice with the radio or a cassette signal (Karaoke). You can record it all on deck 1. See 'Microphone & Karaoke recording' for details of recording and the mixing functions.

**CD/Line in**

Cinch sockets for amplifying or recording from a CD player, amplifier, receiver, tuner, recorder, etc.

- Connect and make sure the R (right) and L (left) CD/LINE IN sockets corresponds with the R and L LINE OUT or REC OUT sockets of the other set.
- The connection cords should be fully inserted into the CD/LINE IN sockets.

**General operation**

- Set the mode selector to the source you want to listen to.
- Adjust the sound using VOLUME and GRAPHIC EQUALIZER controls.

**GRAPHIC EQUALIZER** controls:

- 100 Hz - bass
- 300 Hz - mid range tones
- 1 KHz - vocals
- 3.0 KHz - brightness of sound
- 10 KHz - treble

















To adjust the graphic equalizer, set each control towards + 10 or - 10. When the equalizer is not used, set the controls to 0 (the centre position).

- Set the mode selector to TAPE/RADIO OFF position (with the cassette keys released) to switch off the set.
  - The indicator of your selected mode will go out.

**Radio reception**














- Set the mode selector to RADIO.
  - The RADIO indicator lights up.
- Adjust the sound using the VOLUME and GRAPHIC EQUALIZER controls.
- Select the wave band using the BAND selector. (*SW/LW not for all versions.*)
- Tune to a radio station using the TUNING knob, or FINE TUNING for tuning short wave stations.
  - For FM, pull out the telescopic aerial. To improve FM-reception, incline and turn the aerial. Reduce its length if the FM-signal is too strong (very close to a transmitter).
  - For MW/LW, the set is provided with a built-in aerial, so the telescopic aerial is not needed. Direct the aerial by turning the whole set.
  - For SW1 and SW2, pull out the telescopic aerial and place in the vertical position. Vary the length to improve reception.
- When FM STEREO lights up, you are receiving a FM stereo transmitter.
- To switch off the set, set the MODE selector to TAPE / RADIO OFF position.
  - The RADIO indicator will go out.

**Playback on deck 1 or 2**

- Set the mode selector to TAPE/RADIO OFF.
- Press STOP • OPEN   to open the cassette holder.
- Insert a recorded cassette.
- For playback on deck 2 only, set the REVERSE key  to:
  -   **continuous reverse** - For non-stop playback. The recorder reverses the tape direction whenever reaching the end of the cassette. To stop, STOP • OPEN   must be pressed.
  -  **single reverse** - To play both sides of the cassette only once. At the end of the first side, the tape direction is reversed. The recorder stops at the end of the second cassette side.
- Press PLAY  to start playback.
  - The TAPE/RADIO OFF indicator lights up.
- Adjust the sound using the BALANCE, VOLUME and GRAPHIC EQUALIZER controls.
- To interrupt playback, press PAUSE . To resume press PAUSE  again.
- On deck 2, you can reverse the tape direction automatically at any moment by pressing DIRECTION . The tape direction indicator will show the actual direction of the tape during operation of deck 2.
- For fast winding, press SEARCH  or .
- Press STOP • OPEN   to stop playback.
  - The TAPE/RADIO OFF indicator will go out.

**Note:** When the end of the tape is reached, the keys are automatically released and the set switched off.

**Continuous playback**

- Set the mode selector to TAPE/RADIO OFF.
- Press both STOP • OPEN   keys to open the cassette holders.
- Insert a recorded cassette into both decks.
- Set the REVERSE key  on deck 2 to  and select the tape direction using the DIRECTION key .
- Press PLAY  on deck 2.
  - Deck 2 will start playback.
- Press PAUSE  and then PLAY  on deck 1.
  - As soon as deck 2 stops (at the end of the cassette or when STOP • OPEN   is pressed), PAUSE  is released and deck 1 will start playback.
- To stop the tape, press STOP • OPEN  .
  - The TAPE/RADIO OFF indicator will go out.

**Recording**

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- Recording is only possible with deck 1. During recording it is advisable not to wind or rewind a cassette in deck 2.
- For recording only use NORMAL type cassettes (IEC type I) on which the tabs are not broken out. This set is NOT suited for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes.
- Before recording, tighten slack tape with a pencil, to avoid jamming the deck mechanism.
- The best recording level is automatically set. Altering the BALANCE, VOLUME and GRAPHIC EQUALIZER controls will not affect the recording in progress.
- At the very beginning and end of the tape, no recording will take place during 7 seconds when the leader passes the recorder heads.
- To prevent the accidental erasure of a recording, keep the cassette side to be safeguarded in front of you and break out the left tab. Now, recording on this side is no longer possible. To render this safeguard ineffective, cover the aperture with a piece of adhesive tape.

## Recording from the radio

- Set the MODE selector to RADIO.
  - The RADIO indicator will light up.
- Tune to the desired radio station (see 'Radio reception').
- Insert a blank cassette in deck 1.
- Press RECORD ● to start recording.
  - For brief interruptions, press PAUSE II. To resume recording press PAUSE II again.
  - A whistling sound occurring during AM radio recordings can be suppressed by setting the BEAT CUT switch to another position.
- To stop recording, press STOP • OPEN ■ ▲.

## Microphone & Karaoke recording

- Connect the microphone to the KARAOKE socket, with the volume turned down to avoid noise disturbance.
- Set the MODE selector to the desired position (TAPE/RADIO OFF, CD/LINE IN or RADIO).
- Insert a blank cassette in deck 1.
- Press RECORD ● to start recording.
  - For brief interruptions, press PAUSE II. To resume recording press PAUSE II again.
- To stop recording, press STOP • OPEN ■ ▲.
  - If you want to monitor your microphone recording, you can insert headphones in the ☎ socket.

### Karaoke

- For recording karaoke, connect the microphone to the KARAOKE socket, with the volume turned down to avoid noise disturbance.
- Press both STOP • OPEN ■ ▲ buttons and insert a recorded tape into deck 2 and a suitable tape for recording in deck 1.
- Press PAUSE II and then RECORD ● on deck 1.
- To start recording, press PLAY ► on deck 2. PAUSE II on deck 1 is then released.
- By pressing PAUSE II on deck 1, you can omit undesired passages while deck 2 continues. Press PAUSE II to resume recording.
- To stop recording karaoke, press both STOP • OPEN ■ ▲ buttons.

## Recording from CD/LINE IN sources

- Connect the CD/LINE in sockets of the set with the LINE OUT or REC OUT sockets of the other set.
- Set the mode selector to CD/LINE in. The CD/LINE IN indicator lights up.
- Insert a blank cassette tape in the cassette holder.
- Press RECORD ● to start recording.
- To stop recording, press STOP • OPEN ■ ▲.
- The CD/LINE IN indicator will go out.

## Dubbing – Copying from deck 2 to 1

When copying, it is recommended to use fresh batteries or to connect the set to the mains supply.

- Set the MODE selector to TAPE/RADIO OFF. Do not move this selector during dubbing.
- Press HIGH SPEED DUBBING, unless you want to record at normal speed. Do not press this button during dubbing otherwise your recording will be affected!
- Press both STOP • OPEN ■ ▲ buttons and insert a recorded tape into deck 2 and a suitable tape for recording in deck 1.
- Press PAUSE II and then RECORD ● on deck 1.
- To start dubbing, press PLAY ► on deck 2. PAUSE II on deck 1 is then released.
- By pressing PAUSE II on deck 1, you can omit undesired passages while deck 2 continues. Press PAUSE II to resume dubbing.
- To stop dubbing, press both STOP • OPEN ■ ▲ buttons.

### General maintenance

- Do not expose the set, batteries or cassettes to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- To clean the set, use a soft, slightly dampened chamois leather. Do not use any cleaning agents and solvents such as thinner, benzene, as they could have a corrosive effect.

### Tape deck maintenance

To ensure a good recording and playback quality, clean the parts (A), (B) and (C) after approx. 50 hours of operation or, on average once a month. Use a cotton bud slightly moistened with alcohol or a special cleaning fluid.

- Open the cassette holder by pressing STOP • OPEN ■ ▲.
- Press PLAY ► and clean the rubber pressure roller (C).
- Press PAUSE II and clean the magnetic heads (A), and also the capstans (B).
- After cleaning, press STOP • OPEN ■ ▲.

**Note:** Cleaning of the heads (A) can also be done by playing a cleaning cassette through once

### Environmental information

All redundant packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), expandable polystyrene (buffer) and polyethylene (bags, protective foam sheet).

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

# TROUBLESHOOTING

English

If a fault occurs, first check the points listed below before taking your set for repair.  
If you are unable to remedy a problem by following hints, consult your dealer or service centre.

## Warning:

Under no circumstances should you try to repair the set yourself, as this would invalidate the guarantee.

PROBLEM	POSSIBLE CAUSE	REMEDY
<b>No sound / no power</b>	<ul style="list-style-type: none"><li>– Volume not adjusted</li><li>– Headphones are connected</li><li>– Mains lead not securely connected</li><li>– Batteries exhausted</li><li>– Batteries incorrectly inserted</li><li>– Batteries loaded but mains lead still connected</li></ul>	<ul style="list-style-type: none"><li>• Adjust the volume</li><li>• Disconnect headphones</li><li>• Connect the mains lead properly</li><li>• Insert new batteries</li><li>• Insert the batteries correctly</li><li>• Pull out the mains plug from the wall socket and the set</li></ul>
<b>Severe radio hum or noise</b>	<ul style="list-style-type: none"><li>– Set too close to TV, VCR or computer</li></ul>	<ul style="list-style-type: none"><li>• Increase the distance</li></ul>
<b>Poor radio reception</b>	<ul style="list-style-type: none"><li>– Weak radio aerial signal</li></ul>	<ul style="list-style-type: none"><li>• FM: aim the aerial for the best reception;</li><li>AM: rotate the entire set</li></ul>
<b>Reversed left and right sound / no sound from one speaker</b>	<ul style="list-style-type: none"><li>– Loudspeakers incorrectly connected</li></ul>	<ul style="list-style-type: none"><li>• Connect speakers properly, L to left, R to right</li></ul>
<b>Bad sound</b>	<ul style="list-style-type: none"><li>– Unsuitable speakers are used</li></ul>	<ul style="list-style-type: none"><li>• Use recommended speakers, impedance 6 Ohms.</li></ul>
<b>Poor bass sound</b>	<ul style="list-style-type: none"><li>– Speakers not in phase</li></ul>	<ul style="list-style-type: none"><li>• Connect speakers properly, ⊕ to ⊕ -pole (red marked or sleeved cable); ⊖ to ⊖ -pole (unmarked cable)</li></ul>
<b>Poor cassette sound quality</b>	<ul style="list-style-type: none"><li>– Dust and dirt on the heads, capstan or pressure roller</li><li>– Use of incompatible cassette types (METAL or CHROME)</li></ul>	<ul style="list-style-type: none"><li>• Clean the heads etc., see Tape deck maintenance</li><li>• Only use NORMAL (EIC I) for recording</li></ul>
<b>Recording does not work</b>	<ul style="list-style-type: none"><li>– Cassette tab(s) may be broken out</li></ul>	<ul style="list-style-type: none"><li>• Apply a piece of adhesive tape over the missing tab space.</li></ul>



## Notes

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## Notes

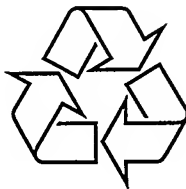
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